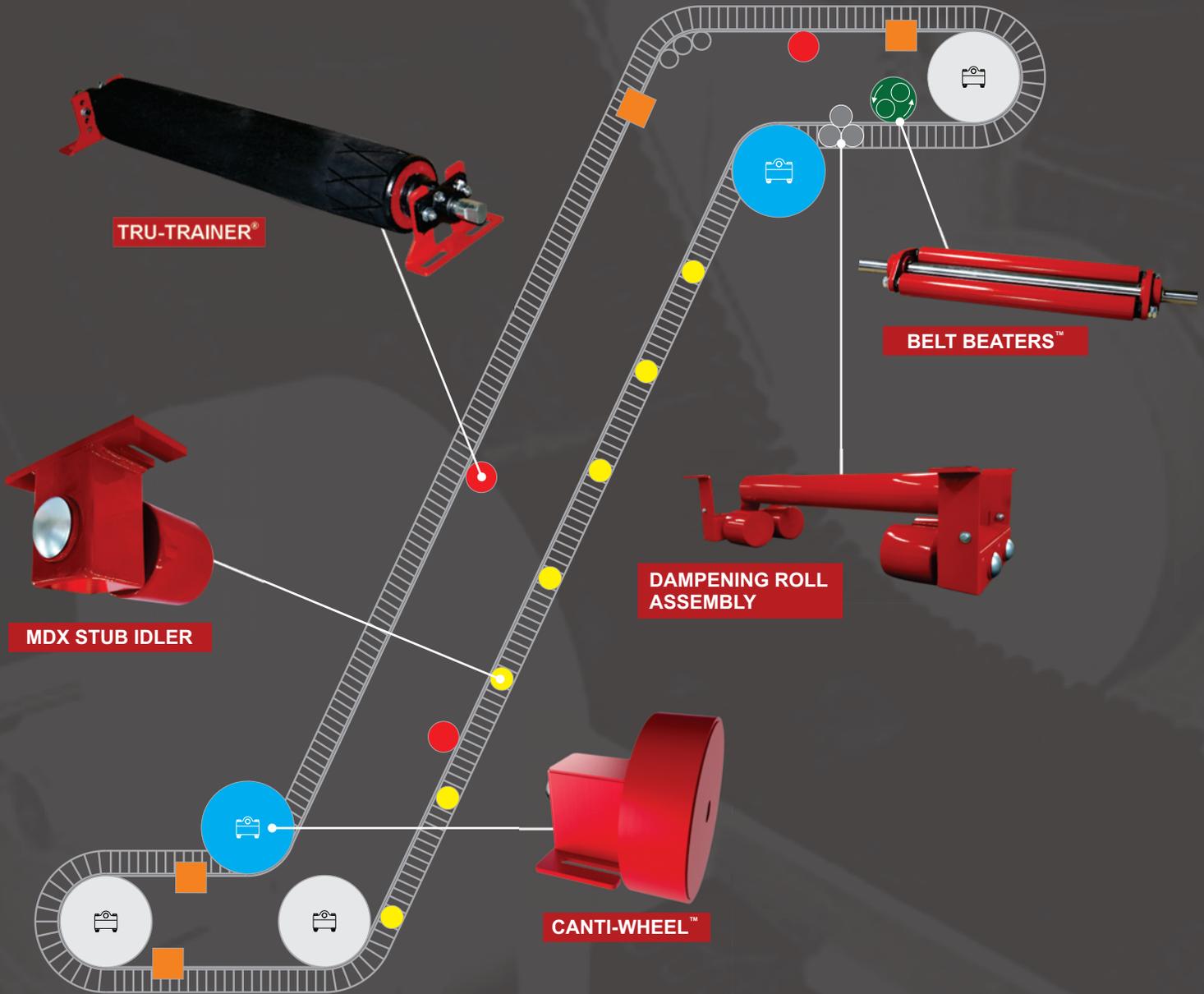


Providing the World Bulk Material Handling Industry
with Productive, Safe and Reliable "Complete Conveyor Solutions."



STEEP ANGLE CONVEYOR ACCESSORIES

MDX Stub Idlers “The Original BASSCO™”

The custom designed MDX Stub Idlers consist of a roller with internal bearings mounted to a threaded shaft and supplied with a pair of jam nuts to lock it to a support bracket supplied by the conveyor manufacturer. The stub idler supported the recess of the belt, i.e. the extension of the base belt beyond the sidewalls. Some of the idlers had grease fittings, but provided no place for the excess grease to go. In time, the shafts became corroded and made it difficult, if not impossible, to remove.

ASGCO® designed its stub idlers (patented) with the bearings located in a bearing housing with a non-rotating grease fitting and the roller welded to the shaft. In addition, it incorporated the proper decline angle of 0°, 3° or 5° for the roller to match the belt manufacturer's recommendation and offers the idlers in "drop" or "rise" designs to fit all conveyor frame/belt combinations.

- Rollers available in steel, rubber covered or solid polyurethane.
- Also available in CEMA F & H series.



Designed for Flexible Sidewall belting and Provide Increased Belt Life

Canti-wheel™ Assembly

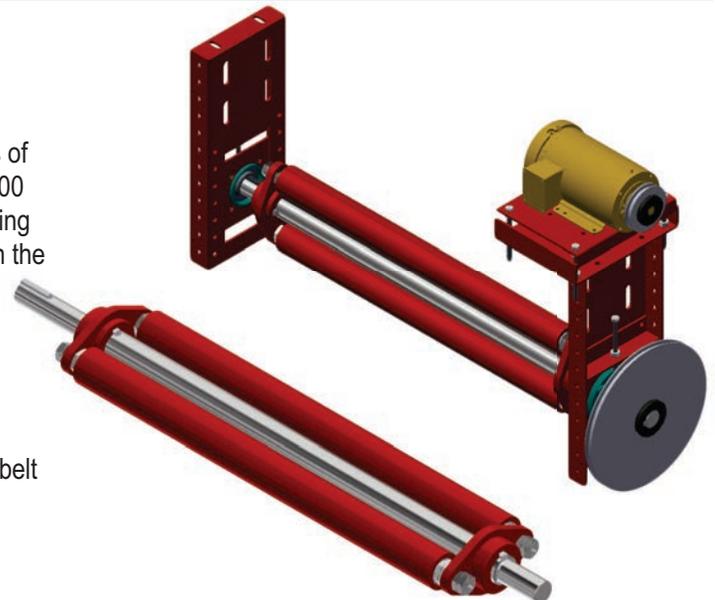
Canti-wheel™ Assembly combines a foot or flange mounted idler with a dual web wheel. With the addition of the new F and H series idlers, we now have the ability to handle the loads imposed by the larger belts with 8" to 18" recesses. These assemblies are generally less expensive than deflection wheels, after you add in the cost of the pillow blocks. This design is a cost effective solution to deflecting the belt at the bend points and offers an OSHA friendly arrangement which eliminates the cross shaft, and is easier to guard.



Belt Beaters™

The ASGCO® Belt Beater™ has been designed to work on the return or "clean" side of flexible sidewall or conventional troughed belts. It consists of a set of heavy wall rollers, rotating about a main shaft at approximately 600 RPM. Mounted behind the head pulley, these rollers impact the belt causing the material to loosen and fall from the belt. Because the beater works on the back of the belt where the cover is thin, it is important that the contact is made by rollers (rather than bars) so that they don't "scrub" the belt and cause the cover to wear.

To handle belt widths over 42" without incurring excessive loading on the beater roll's bearings, our four-roll design was added to the original 2-roll unit. In addition, a universal mount drive package, including motor and v-belt drive, is now available.



Dampening Roll Assembly

At 600 RPM, belt beaters impact the belt 1200 times a minute. This will cause some belts to vibrate in a sine wave fashion that will often be carried into the frame. In order to reduce or eliminate these vibrations, ASGCO® has designed a Dampening Roll Assembly™, which is mounted just behind the beat beater that consists of 2 pairs of dual stub idlers that are matched to the belt recess, and a flat idler that "sandwich" the belt. This assembly accommodates belts of various thicknesses and requires only four bolts to secure it to the frame.



Tru-Trainer® Training Idlers

The Tru-Trainer® idler has an internal central pivot that is perpendicular to the plane of the belt. The ends of the roller are tapered slightly so that the edges of the belt create a slight drag on the roller. As the belt moves off-center, the side of the belt will move further into the taper on that side of the roller and out of the taper on the other side of the roller. This will cause an imbalance which drags one side of the roller forward on the central pivot causing the belt to center. The Tru-Trainers® are used on the carry-side of the system only.

Features

- Designed to be mounted on the topside or clean side of the conveyor belt
- Continuous alignment by always tracking the belt to the center of the conveyor, it reduces edge damage, spillage and overall better conveyor belt tracking performance.
- Specifically designed for high speed, aggressive belts
- No maintenance
- Operates in all conditions, wet and dry
- Mounts on clean side of belt
- Vibration free rolling action
- Minimum force to activate training mechanism
- No contact with edge of belt



Tru-Trainer®
Flat Return Idler



Tru-Trainer®
Dual Return Idler

For Belt Widths
up to 96"

